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JC860 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTALSubmit an original and a duplicate for fee processing
(Only for new nonprovisional applications under 37 CFR 1.53(b))**ADDRESS TO:**Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231Attorney Docket No. 99,833
First Named Inventor Rhine
Express Mail No. EL118813303US
Total Pages 64**APPLICATION ELEMENTS**

1. ☒ Transmittal Form with Fee
2. ☒ Specification (including claims and abstract) [Total Pages 50]
3. ☒ Drawings [Total Sheets 10]
4. ☒ Oath or Declaration [Total Pages 2]
 - a. ☒ Newly executed
 - b. ☐ Copy from prior application

[Note Boxes 5 and 17 below]

 - i. ☐ Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application
5. ☐ Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program
7. ☐ Nucleotide and/or Amino Acid Sequence Submission
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy
 - c. ☐ Statement verifying above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers
9. ☒ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)
 - ☐ PTO-1449 Form
 - ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (Should be specifically itemized)
14. ☐ Small Entity Statement(s)
 - ☐ Enclosed
 - ☐ Statement filed in prior application; status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
16. ☐ Other:

17. ☐ This is a CONTINUING APPLICATION. Please note the following:
 - a. ☐ This is a ☐ Continuation ☐ Divisional ☐ Continuation-in-part of prior application
 - b. ☐ Cancel in this application original claims ____ of the prior application before calculating the filing fee.
 - c. ☐ Amend the specification by inserting before the first line the sentence:
This is a ☐ continuation ☐ divisional ☐ continuation-in-part of application Serial No.
 - d. ☐ The prior application is assigned of record to

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 99,833

APPLICATION FEES

| | | | | |
|---|--------------|--------------|------------|------------|
| BASIC FEE | | | | \$ 710.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | |
| Total Claims | 37 -20= | 17 | x \$18.00 | \$ 306.00 |
| Independent Claims | 5 -3= | 2 | x \$80.00 | \$ 160.00 |
| <input type="checkbox"/> Multiple Dependent Claims(s) if applicable | | | + \$270.00 | \$ |
| Total of above calculations = | | | | \$ 1176.00 |
| Reduction by 50% for filing by small entity = | | | | \$() |
| <input type="checkbox"/> Assignment fee if applicable | | | + \$40.00 | \$ |
| TOTAL = | | | | \$ 1176.00 |

18. ☐ Please charge my Deposit Account No. 13-2490 in the amount of \$19. ☒ A check in the amount of \$1176.00 is enclosed.

20. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490:

- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☐ Fees required under 37 CFR 1.18.

21. ☐ The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.

22. CERTIFICATE OF MAILING

I hereby certify that I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated below and is addressed to the Asst. Commissioner for Patents, Box Patent Application, Washington, DC 20231.

23. USPTO CUSTOMER NUMBER

PATENT & TRADEMARK OFFICE



020306

24. CORRESPONDENCE ADDRESS

| | |
|------------------|--------------------------------------|
| Name | McDonnell Boehnen Hulbert & Berghoff |
| Address | |
| City, State, Zip | |

25. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

| | |
|-----------|-------------------|
| Name | S. Richard Carden |
| Reg. No. | 44,588 |
| Signature | |
| Date | October 2, 2000 |

**APPLICATION FOR UNITED STATES LETTERS PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 99,833)**

Title: **MICROFLUIDIC DEVICES HAVING
EMBEDDED METAL CONDUCTORS AND
METHODS OF FABRICATING SAID
DEVICES**

Inventors: **David B. Rhine
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Citizen of the United States of America**

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Phoenix, AZ 85048

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Assignee: **Motorola, Inc.

A corporation of the State of Delaware**

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